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List of Publications by Year
in descending order

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102 papers	2,307 citations	218592 26 h-index	276775 41 g-index
107 all docs	107 docs citations	107 times ranked	2635 citing authors

#	Article	IF	Citations
1	From promise to practice: pairing non-invasive sampling with genomics in conservation. PeerJ, 2015, 3, e1106.	0.9	158
2	Ex situ population management in the absence of pedigree information. Molecular Ecology, 2004, 13, 2829-2840.	2.0	115
3	Unravelling the peculiarities of island life: vicariance, dispersal and the diversification of the extinct and extant giant GalÃ¡pagos tortoises. Molecular Ecology, 2012, 21, 160-173.	2.0	88
4	Detection of outlier loci and their utility for fisheries management. Evolutionary Applications, 2012, 5, 39-52.	1.5	83
5	Historical DNA analysis reveals living descendants of an extinct species of GalÃ¡pagos tortoise. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15464-15469.	3.3	79
6	Giant tortoise genomes provide insights into longevity and age-related disease. Nature Ecology and Evolution, 2019, 3, 87-95.	3.4	79
7	A cryptic taxon of GalÃ¡pagos tortoise in conservation peril. Biology Letters, 2005, 1, 287-290.	1.0	71
8	Lineage fusion in <scp>G</scp>alÃ¡pagos giant tortoises. Molecular Ecology, 2014, 23, 5276-5290.	2.0	59
9	Genetic evidence for ecological divergence in kokanee salmon. Molecular Ecology, 2015, 24, 798-811.	2.0	57
10	Genetic evidence links invasive monk parakeet populations in the United States to the international pet trade. BMC Evolutionary Biology, 2008, 8, 217.	3.2	54
11	Description of a New Galapagos Giant Tortoise Species (Chelonoidis; Testudines: Testudinidae) from Cerro Fatal on Santa Cruz Island. PLoS ONE, 2015, 10, e0138779.	1.1	54
12	Genetic evidence of hybridization between the critically endangered Cuban crocodile and the American crocodile: implications for population history and in situ/ex situ conservation. Heredity, 2015, 114, 272-280.	1.2	53
13	Lonesome George is not alone among GalÃ¡pagos tortoises. Current Biology, 2007, 17, R317-R318.	1.8	49
14	Genetic rediscovery of an â€˜extinctâ€™ GalÃ¡pagos giant tortoise species. Current Biology, 2012, 22, R10-R11.	1.8	46
15	An ancient selective sweep linked to reproductive life history evolution in sockeye salmon. Scientific Reports, 2017, 7, 1747.	1.6	44
16	The genetic legacy of Lonesome George survives: Giant tortoises with Pinta Island ancestry identified in GalÃ¡pagos. Biological Conservation, 2013, 157, 225-228.	1.9	39
17	Adaptive divergence along environmental gradients in a climateâ€changeâ€sensitive mammal. Ecology and Evolution, 2013, 3, 3906-3917.	0.8	38
18	Genomic Changes Associated with Reproductive and Migratory Ecotypes in Sockeye Salmon (Oncorhynchus nerka). Genome Biology and Evolution, 2017, 9, 2921-2939.	1.1	38

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19	Alternatives to genetic affinity as a context for within-species response to climate. Nature Climate Change, 2019, 9, 787-794.	8.1	37
20	Potential genetic consequences of a recent bottleneck in the Amur tiger of. Conservation Genetics, 2004, 5, 707-713.	0.8	36
21	DNA from the Past Informs Ex Situ Conservation for the Future: An â€œExtinctâ€•Species of GalÃ¡pagos Tortoise Identified in Captivity. PLoS ONE, 2010, 5, e8683.	1.1	36
22	Adaptive population divergence and directional gene flow across steep elevational gradients in a climateâ€sensitive mammal. Molecular Ecology, 2018, 27, 2512-2528.	2.0	34
23	Genetic Evidence for Restricted Dispersal along Continuous Altitudinal Gradients in a Climate Change-Sensitive Mammal: The American Pika. PLoS ONE, 2012, 7, e39077.	1.1	34
24	Lineage identification of GalÃ¡pagos tortoises in captivity worldwide. Animal Conservation, 2007, 10, 304-311.	1.5	33
25	Patterns, Mechanisms and Genetics of Speciation in Reptiles and Amphibians. Genes, 2019, 10, 646.	1.0	33
26	Population genomics through time provides insights into the consequences of decline and rapid demographic recovery through headâ€starting in a Galapagos giant tortoise. Evolutionary Applications, 2018, 11, 1811-1821.	1.5	29
27	Naturally rare versus newly rare: demographic inferences on two timescales inform conservation of GalÃ¡pagos giant tortoises. Ecology and Evolution, 2015, 5, 676-694.	0.8	28
28	Theory, practice, and conservation in the age of genomics: The GalÃ¡pagos giant tortoise as a case study. Evolutionary Applications, 2018, 11, 1084-1093.	1.5	28
29	Genotypingâ€inâ€Thousands by sequencing (GTâ€seq) panel development and application to minimally invasive DNA samples to support studies in molecular ecology. Molecular Ecology Resources, 2020, 20, 114-124.	2.2	28
30	Identification of Genetically Important Individuals of the Rediscovered Floreana GalÃ¡pagos Giant Tortoise (Chelonoidis elephantopus) Provides Founders for Species Restoration Program. Scientific Reports, 2017, 7, 11471.	1.6	27
31	The sockeye salmon genome, transcriptome, and analyses identifying population defining regions of the genome. PLoS ONE, 2020, 15, e0240935.	1.1	26
32	On the horns of a dilemma: molecular approaches refine ex situ conservation in crisis. Molecular Ecology, 2007, 16, 2405-2406.	2.0	24
33	Lack of parallel genetic patterns underlying the repeated ecological divergence of beach and streamâ€spawning kokanee salmon. Journal of Evolutionary Biology, 2013, 26, 2606-2621.	0.8	24
34	Sockeye salmon repatriation leads to population reâ€establishment and rapid introgression with native kokanee. Evolutionary Applications, 2016, 9, 1301-1311.	1.5	24
35	Advances in Using Non-invasive, Archival, and Environmental Samples for Population Genomic Studies. Population Genomics, 2018, , 63-99.	0.2	24
36	Obtaining high-quality DNA from elusive small mammals using low-tech hair snares. European Journal of Wildlife Research, 2011, 57, 429-435.	0.7	23

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37	Giant GalÃ¡pagos tortoises; molecular genetic analyses identify a trans-island hybrid in a repatriation program of an endangered taxon. BMC Ecology, 2007, 7, 2.	3.0	22
38	Genome-Wide Assessment of Diversity and Divergence Among Extant Galapagos Giant Tortoise Species. Journal of Heredity, 2018, 109, 611-619.	1.0	22
39	Low genetic diversity, restricted dispersal, and elevation-specific patterns of population decline in American pikas in an atypical environment. Journal of Mammalogy, 2016, 97, 464-472.	0.6	21
40	Novel genomic resources for a climate change sensitive mammal: characterization of the American pika transcriptome. BMC Genomics, 2013, 14, 311.	1.2	20
41	Cryptic diversity and conservation units in the Bahama parrot. Conservation Genetics, 2010, 11, 1809-1821.	0.8	19
42	Genetics of a head-start program to guide conservation of an endangered GalÃ¡pagos tortoise (Chelonoidis ephippium). Conservation Genetics, 2015, 16, 823-832.	0.8	18
43	Genetically informed captive breeding of hybrids of an extinct species of Galapagos tortoise. Conservation Biology, 2019, 33, 1404-1414.	2.4	18
44	Molecular assessment of the genetic integrity, distinctiveness and phylogeographic context of the Saltwater crocodile (Crocodylus porosus) on Palau. Conservation Genetics, 2007, 8, 777-787.	0.8	17
45	Cryptic species in a Neotropical parrot: genetic variation within the Amazona farinosa species complex and its conservation implications. Conservation Genetics, 2012, 13, 1427-1432.	0.8	17
46	I-HEDGE: determining the optimum complementary sets of taxa for conservation using evolutionary isolation. PeerJ, 2016, 4, e2350.	0.9	17
47	Lineage Identification and Genealogical Relationships Among Captive GalÃ¡pagos Tortoises. Zoo Biology, 2012, 31, 107-120.	0.5	16
48	When the shoe doesnâ€™t fit: applying conservation unit concepts to western painted turtles at their northern periphery. Conservation Genetics, 2014, 15, 261-274.	0.8	16
49	Paleogenomics illuminates the evolutionary history of the extinct Holocene â€œhornedâ€•crocodile of Madagascar, Voay robustus. Communications Biology, 2021, 4, 505.	2.0	16
50	Individualâ€based analysis of hair corticosterone reveals factors influencing chronic stress in the American pika. Ecology and Evolution, 2017, 7, 4099-4108.	0.8	14
51	Colonization history of Galapagos giant tortoises: Insights from mitogenomes support the progression rule. Journal of Zoological Systematics and Evolutionary Research, 2020, 58, 1262-1275.	0.6	14
52	Additional microsatellite loci for the endangered St. Vincent Parrot, Amazona guildingii. Conservation Genetics, 2006, 6, 643-645.	0.8	13
53	iR el: software for implementing pairwise relatedness estimators and evaluating their performance. Conservation Genetics Resources, 2011, 3, 69-71.	0.4	13
54	Genotypingâ€inâ€Thousands by sequencing reveals marked population structure in Western Rattlesnakes to inform conservation status. Ecology and Evolution, 2020, 10, 7157-7172.	0.8	13

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55	Genetic evidence supports a distinct lineage of American crocodile (Crocodylus acutus) in the Greater Antilles. PeerJ, 2018, 6, e5836.	0.9	13
56	Characterization of polymorphic microsatellite loci for the invasive monk parakeet (Myiopsitta) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	1.7	12
57	Neutral Loci Reveal Population Structure by Geography, not Ecotype, in Kootenay Lake Kokanee. North American Journal of Fisheries Management, 2012, 32, 282-291.	0.5	12
58	Temporal Mitogenomics of the Galapagos Giant Tortoise from PinzÃ³n Reveals Potential Biases in Population Genetic Inference. Journal of Heredity, 2018, 109, 631-640.	1.0	12
59	Disentangling the genetic effects of refugial isolation and range expansion in a trans-continentally distributed species. Heredity, 2019, 122, 441-457.	1.2	12
60	Phylogenomics reveals novel relationships among Neotropical crocodiles (Crocodylus spp.). Molecular Phylogenetics and Evolution, 2020, 152, 106924.	1.2	11
61	Rattuspopulation genomics across the Haida Gwaii archipelago provides a framework for guiding invasive species management. Evolutionary Applications, 2020, 13, 889-904.	1.5	11
62	Genetic Assessment of Taxonomic Uncertainty in Painted Turtles. Journal of Herpetology, 2015, 49, 314-324.	0.2	10
63	SNP panels for differentiating advanced-generation hybrid classes in recently diverged stocks: A sensitivity analysis to inform monitoring of sockeye salmon re-stocking programs. Fisheries Research, 2018, 208, 339-345.	0.9	10
64	Chromosome-Level Reference Genome Assembly for the American Pika (Ochotona princeps). Journal of Heredity, 2021, 112, 549-557.	1.0	10
65	Genetic evidence for multiple paternity in the critically endangered Cuban crocodile (Crocodylus) Tj ETQq1 1 0.784314 rgBT /Overlock	0.1	9
66	Evaluating the efficacy of non-invasive genetic sampling of the Northern Pacific rattlesnake with implications for other venomous squamates. Conservation Genetics Resources, 2017, 9, 13-15.	0.4	9
67	Conservation Genetics and Genomics. Genes, 2020, 11, 318.	1.0	9
68	The Promise of Genetics and Genomics for Improving Invasive Mammal Management on Islands. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	9
69	Kokaneeâ€“sockeye salmon hybridization leads to intermediate morphology and resident life history: implications for fisheries management. Canadian Journal of Fisheries and Aquatic Sciences, 2020, 77, 355-364.	0.7	8
70	Ex Situ Wildlife Conservation in the Age of Population Genomics. Population Genomics, 2018, , 473-492.	0.2	7
71	RapidRat: Development, validation and application of a genotyping-by-sequencing panel for rapid biosecurity and invasive species management. PLoS ONE, 2020, 15, e0234694.	1.1	7
72	Demographic history and patterns of molecular evolution from whole genome sequencing in the radiation of Galapagos giant tortoises. Molecular Ecology, 2021, 30, 6325-6339.	2.0	7

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73	Population genomics of Sitka black-tailed deer supports invasive species management and ecological restoration on islands. Communications Biology, 2022, 5, 223.	2.0	7
74	Genetic variation and fine-scale population structure in American pikas across a human-modified landscape. Conservation Genetics, 2017, 18, 825-835.	0.8	6
75	Evidence of intrapopulation differences in rattlesnake defensive behavior across neighboring habitats. Behavioral Ecology and Sociobiology, 2022, 76, 1.	0.6	6
76	Development and application of a molecular sexing protocol in the climate change-sensitive American pika. Conservation Genetics Resources, 2014, 6, 17-19.	0.4	5
77	Mitogenomic investigation reveals a cryptic lineage of Crocodylus in Cuba. Bulletin of Marine Science, 2017, , .	0.4	5
78	Global origins of invasive brown rats (Rattus norvegicus) in the Haida Gwaii archipelago. Biological Invasions, 2021, 23, 611-623.	1.2	5
79	Time scale matters: genetic analysis does not support adaptationâ€byâ€time as the mechanism for adaptive seasonal declines in kokanee reproductive life span. Ecology and Evolution, 2014, 4, 3714-3722.	0.8	4
80	Founded: Genetic Reconstruction of Lineage Diversity and Kinship InformsEx situConservation of Cuban Amazon Parrots (Amazona leucocephala). Journal of Heredity, 2015, 106, 573-579.	1.0	4
81	Genetic Stock Identification Reveals That Angler Harvest Is Representative of Cryptic Stock Proportions in a Highâ€Profile Kokanee Fishery. North American Journal of Fisheries Management, 2019, 39, 415-425.	0.5	4
82	Genome-wide analysis reveals associations between climate and regional patterns of adaptive divergence and dispersal in American pikas. Heredity, 2021, 127, 443-454.	1.2	4
83	Genome-wide assessment of kokanee salmon stock diversity, population history and hatchery representation at the northern range margin. Conservation Genetics, 0, , 1.	0.8	4
84	Genotyping-in-Thousands by sequencing panel development and application to inform kokanee salmon (Oncorhynchus nerka) fisheries management at multiple scales. PLoS ONE, 2021, 16, e0261966.	1.1	4
85	Isolation and characterization of microsatellite loci in a Neotropical ungulate, the lowland tapir (Tapirus terrestris). Conservation Genetics Resources, 2009, 1, 39-41.	0.4	3
86	Spatiotemporal analyses suggest the role of glacial history and the iceâ€free corridor in shaping American badger population genetic variation. Ecology and Evolution, 2020, 10, 8345-8357.	0.8	3
87	Genetic Diversity and Population Structure of Two Endangered Neotropical Parrots Inform In Situ and Ex Situ Conservation Strategies. Diversity, 2021, 13, 386.	0.7	3
88	Genotyping-in-Thousands by sequencing of archival fish scales reveals maintenance of genetic variation following a severe demographic contraction in kokanee salmon. Scientific Reports, 2021, 11, 22798.	1.6	3
89	A new lineage of Galapagos giant tortoises identified from museum samples. Heredity, 2022, 128, 261-270.	1.2	3
90	Genotyping on the ark: A synthesis of genetic resources available for species in zoos. Zoo Biology, 2020, 39, 257-262.	0.5	2

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91	Genomeâ€wide analysis reveals demographic and lifeâ€history patterns associated with habitat modification in landlocked, deepâ€spawning sockeye salmon (Oncorhynchus nerka). Ecology and Evolution, 2021, 11, 13186-13205.	0.8	2
92	Genotyping-in-Thousands by sequencing panel development and application for high-resolution monitoring of introgressive hybridization within sockeye salmon. Scientific Reports, 2022, 12, 3441.	1.6	2
93	A genotypingâ€inâ€thousands by sequencing panel to inform invasive deer management using noninvasive fecal and hair samples. Ecology and Evolution, 2022, 12, .	0.8	2
94	Characterization of polymorphic microsatellite loci for the polychaete tubeworm Hobsonia florida. Molecular Ecology Notes, 2006, 6, 390-392.	1.7	1
95	Isolation and characterization of microsatellite loci in two species-at-risk in British Columbia: Great Basin spadefoot (Spea intermontana) and Western painted turtle (Chrysemys picta bellii). Conservation Genetics Resources, 2010, 2, 37-40.	0.4	1
96	Fine-scale genetic structure and conservation status of American badgers at their northwestern range periphery. Conservation Genetics, 2019, 20, 1023-1034.	0.8	1
97	Migration and non-breeding ecology of the Yellow-breasted Chat Icteria virens. Journal of Ornithology, 2022, 163, 37-50.	0.5	1
98	Genome-Wide Investigation of the Multiple Origins Hypothesis for Deep-Spawning Kokanee Salmon (Oncorhynchus nerka) across its Pan-Pacific Distribution. Journal of Heredity, 2021, 112, 602-613.	1.0	1
99	Title is missing!. , 2020, 15, e0234694.		0
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101	Title is missing!. , 2020, 15, e0234694.		0
102	Title is missing!. , 2020, 15, e0234694.		0